

PATENT APPLICATION SERIAL NO. **10/528370**

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

03/25/2005 ATRAN1 00000082 10528370

01 FC:2631	150.00 OP
02 FC:2632	250.00 OP
03 FC:2633	100.00 OP

Adjustment date: 01/24/2006 WALVARAD
03/25/2005 ATRAN1 00000082 10528370
02 FC:2632 -250.00 OP

01/24/2006 WALVARAD 00000002 10528370

01 FC:2641 50.00 OP

PTO-1856
Refund Ref: 0030028322
01/24/2006 (5/89)

Credit Card Refund Total: \$200.00

U.S. Government Printing Office: 2002 — 489-267/60033

Master C: XXXXXXXXXXXX7759

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/528370		INTERNATIONAL APPLICATION NO. PCT/US 2003/029419		ATTORNEY'S DOCKET NUMBER W002. PAT-22												
The following fees have been submitted																
21. <input checked="" type="checkbox"/> Basic national fee.....				\$300	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....				\$100	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
All other situations.....				\$400	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
All other situations.....				\$500	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
TOTAL OF 21, 22 and 23 =				\$ 1000	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
- 100 =	/ 50 =		x \$250	\$	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Total claims	18 - 20 =	0	x \$ 50	\$ 0	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Independent claims	2 - 3 =	0	x \$200	\$ 0	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 0	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000	
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
TOTAL OF ABOVE CALCULATIONS =				\$ 1000	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
SUBTOTAL =				\$ 500	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
TOTAL NATIONAL FEES =				\$ 500	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
TOTAL FEES ENCLOSED =				\$ 500	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> <tr> <td>\$ 300</td> <td></td> </tr> <tr> <td>\$ 200</td> <td></td> </tr> <tr> <td>\$ 500</td> <td></td> </tr> <tr> <td>\$ 1000</td> <td></td> </tr> </table>	CALCULATIONS	PTO USE ONLY	\$ 300		\$ 200		\$ 500		\$ 1000		
CALCULATIONS	PTO USE ONLY															
\$ 300																
\$ 200																
\$ 500																
\$ 1000																
				Amount to be refunded:	\$											
				Amount to be charged:	\$											
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2084. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p>																
<p>252 SIGNATURE Emery L. Tracy NAME 34,081 REGISTRATION NUMBER</p>																

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

Application or Docket Number

10/528370

CLAIMS AS FILED - PART I

(Column 1)

SMALL ENTITY TYPE ☐

OTHER THAN SMALL ENTITY ☐

U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	minus 100 =	/ 50 =
TOTAL CHARGEABLE CLAIMS	18 minus 20 =	-
INDEPENDENT CLAIMS	3 minus 3 =	-
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

RATE	FEE
BASIC FEE	150
EXAM. FEE	100
SEARCH FEE	200
X \$ 125 =	
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL	450

RATE	FEE
BASIC FEE	
EXAM. FEE	
SEARCH FEE	
X \$ 250 =	
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL	

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

**MULTIPLE DEPENDENT CLAIM
FEE CALCULATION SHEET**
(FOR USE WITH FORM PTO-875)

SERIAL NO.

10/528370

FILING DATE

APPLICANT(S)

CLAIMS

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
1	/					
2		/				
3		/				
4		/				
5		/				
6		/				
7		/				
8		/				
9		/				
10	/					
11	/					
12		/				
13		/				
14		/				
15		/				
16		/				
17		/				
18		/				
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
TOTAL IND.	3	↓		↓		↓
TOTAL DEP.	15	←		←		←
TOTAL CLAIMS	18					

	AS FILED		AFTER 1 st AMENDMENT		AFTER 2 nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						
TOTAL IND.		↓		↓		↓
TOTAL DEP.		←		←		←
TOTAL CLAIMS						